

CHANGE MANAGEMENT PROJECT REVIEW QUESTIONNAIRE

*Please answer questions inline or
provide a separate report addressing these questions
with your NWI proposal.*

1. What is the general scope of the NWI?

Procedure standard, Technical standard, and initial content for a Reference data library for the oil & gas industry (also applicable/extensible to cover the needs of related sectors, such as process plant and power generation.

2. Form(s) of resulting work

- 2.1 Is the work a revision to an existing standard or part?
(If so, please specify the standard and/or part.)

No

- 2.2 Will the work produce a new part for one of the existing standards? (If so, please specify the standard and series.)

Yes - three new parts (-4, -5, and -6 of ISO 15926)

3. Dependency on other standards

- 3.1 What are the normative references?

- ISO/IEC 6523-1:1998, ISO 8402:1994, ISO/IEC 8824-1:1994, ISO 10303-21:1994, ISO 15926-1:—, ISO 15926-2:—, other still to be determined.

- 3.2 Will the normative references be stable (DIS or better) when this work becomes an International Standard?

Yes

- 3.3 Will changes be required to other standards/parts for this work to become IS? (If so, please specify standard/part and describe necessary changes for each.)

No, although consistency needs to be maintained with ISO 15926-1 and -2

- 3.4 Is there a need for any other NWIs for this work to become an IS? (If so, please specify.)

No

4. Impact of this work

- 4.1 Who will benefit from this standard?

Engineering contractors, plant owner/operators, equipment and component manufacturers/vendors

- 4.2 Who are the implementors of this standard?

Developers/implementors of engineering databases and asset data warehouses;

- 4.3 Who will purchase software based on this standard?

As 4.1

- 4.4 Will other standards/parts be improved by this work?

The standard Reference Data Library is a prerequisite for successful implementation of ISO 15926 and ISO 10303-221. Other STEP APs can also benefit from the use of the register, including ISO 10303-227, -231, -212, etc.

- 4.5 What elements of the SC4 Strategic Plan (<http://www.nist.gov/sc4/n777>) are supported by this work?
U1, U3, U5, U6, U7, U9, I3, S1, S2, S4, S5, S6, T5, T8, T9

5. Resources

- 5.1 What are the resources supporting the work?
- Resources from POSC/CAESAR, USPI-NL, PISTEP, and other projects/organizations participating in EPISTLE and PIEBASE
- 5.2 What is the length of the resource commitment?
Two years **** TO BE CONFIRMED ****
- 5.3 What countries are supporting the work?
- Norway, the Netherlands, UK, USA, others TBD
- 5.4 How will the Quality Requirements be met?
The project will establish a quality plan and allocate resources to internal quality reviews of the parts

6. Schedule

- 6.1 What is the estimated schedule?
Combined NWI/CD ballot Q3 2000. DIS ballot Q2 2001. IS publication Q1 2002
- 6.2 What is the schedule of critical dependencies?
ISO 15926-1 and -2 need to proceed on their current schedule
- 6.3 What is the risk management plan?
Development of ISO 15926 is coordinated with that of ISO 10303-221 by EPISTLE/PIEBASE (at a consortium level) and by ISO TC184/SC4/WG3/T20+T21 within ISO. The approach being undertaken is being validated through several industrial implementation and deployment projects.

7. Relationship with other projects

- 7.1 With what other projects (IEC, ISO, Consortia) should this work be coordinated? (Also required on ISO form 4.)
- Other industry consortia working in the process plant/oil and gas domains, including PlantSTEP, pdXi, POSC, COM for Energy, etc. ISO, IEC and national standards bodies that are developing/maintaining standards for parts, components, equipment, materials, etc., the content of which could be published using the Reference Data Library
- 7.2 Is there any overlap in scope with existing work?
Annex M of AP221 provides part of the baseline for the initial content of the register (along with the POSC/CAESAR RDL). Working drafts of ISO 15926-3 and the USPI-NL "Guide to STEPlib" provide the basis for the ISO

115926-6. All of these elements will be replaced/superceded by the proposed new standard.

7.3 List relevant organizations with which cooperation and liaison should exist. (Also required on ISO form 4.)

- None identified other than those listed under 7.1